# **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5392958	process for preparing methacrylic esters	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 13:59
L2	1107119	urethane group.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 13:59
L3	5157896	process for preparing methacrylic esters.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 13:59
L4	892003	L2 and L3	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:01
L5	526705	saturated alcohol.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:01
L6	261325	L4 and L5	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:01
L7	2108769	saturated alcohol ester of methacrylic acid. clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:02
L8	261325	L6 and L7	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:02
L9	9658386	alcohol comprising one urethane group.clm.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:03
L10	892003	L4 and L9	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:05
LII	139	560/132	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:05
L12	110	L10 and L11	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:08

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L13	464	560/157	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:05
L14	36	L12 and L13	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:07
L15	558	528/370	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:06
L16	1	L14 and L15	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/09/01 14:06

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                    560/132; 560/157; 560/167; 987/168
US 4304922 A
                           USPAT
                                                       7
                                                              Process for the
                                          19811208
preparation of urethane
                                  560/24 560/115; 560/132; 560/133; 560/134;
560/157; 560/158; 560/159; 560/161; 560/162; 560/163; 560/164; 560/25; 560/26;
560/28: 560/30: 560/31: 560/32: 560/33
US 4301087 A
                           USPAT
                                          19811117
                                                       4
                                                              Manufacture of
                                  558/6 558/260; 558/274; 558/277; 560/132;
carbamates from cyanogen
560/133; 560/134; 560/157; 560/162; 560/166
                           USPAT
                                         19810714
                                                              Process for
US 4278807 A
                                                560/134
production of 1-naphthyl methylcarbamate
                                                              Catalytic process for
                                          19810505
                                                       15
US 4266070 A
                           USPAT
                                  560/24 502/174; 560/115; 560/132; 560/133;
the manufacture of urethanes
560/135; 560/136; 560/137; 560/148; 560/157; 560/158; 560/159; 560/160; 560/161;
560/162; 560/163; 560/164; 560/165; 560/25; 560/26; 560/27; 560/29; 560/30; 560/31;
560/32; 560/33; 560/9
                                          19810414
                                                              Process for the
US 4262130 A
                           USPAT
                                  560/24 502/164; 502/167; 502/230; 549/69;
production of urethanes
560/115; 560/13; 560/132; 560/157; 560/158; 560/25; 560/27; 560/28; 560/30; 560/31;
560/32; 560/33; 560/9
                                                       9
                                                              Process for the
                           USPAT
                                          19810407
US 4260781 A
                                   560/24 558/353; 560/115; 560/132; 560/133;
manufacture of carbamates
560/135; 560/136; 560/137; 560/148; 560/157; 560/158; 560/159; 560/160; 560/161;
560/162; 560/163; 560/164; 560/165; 560/25; 560/26; 560/27; 560/29; 560/30; 560/31;
560/32; 560/33; 560/9
US 4258201 A
                           USPAT
                                          19810324
                                                       12
                                                              Process for the
                                   560/24 558/417; 558/431; 558/445; 560/115;
manufacture of carbamates
560/132; 560/133; 560/134; 560/135; 560/136; 560/137; 560/157; 560/158; 560/159;
560/160; 560/161; 560/162; 560/163; 560/164; 560/165; 560/166; 560/167; 560/25;
560/26; 560/27; 560/28; 560/29; 560/30; 560/31; 560/32; 560/33
                                                              Production of
                                          19810324
                           USPAT
US 4258200 A
carboxylic acid amides and carbamates using cobalt catalysts
                                                                      560/24
       554/69; 560/132; 560/153; 560/163; 560/32; 564/135; 564/137
                                                               Carbamic acid ester,
US 4257804 A
                           USPAT
                                          19810324
process for making the same and composition containing same
                                                                      504/304
       504/305; 560/115; 560/133; 560/27; 560/28; 560/29; 560/31; 560/32
                                          19801230
                                                       14
                                                              Promoted method for
US 4242520 A
                            USPAT
                            560/24 558/353; 560/115; 560/132; 560/135; 560/136;
producing carbamates
560/137; 560/148; 560/157; 560/158; 560/159; 560/161; 560/162; 560/165; 560/25;
560/26; 560/27; 560/28; 560/32; 560/33; 560/9
                                          19801216
                                                       5
                                                              Process for the
US 4239904 A
                           USPAT
                                   560/157
                                                 560/115; 560/132; 560/134; 560/152;
preparation of urethanes
560/156; 560/160; 560/161; 560/162; 560/163; 560/165; 560/167
                            USPAT
                                          19801118
                                                               Carbamate
US 4234580 A
                                                               504/288; 504/298;
                                                 514/477
thiosulfenylcarbamoyl fluoride compounds
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504/302: 514/369: 514/435: 514/436: 514/439: 514/442: 514/443; 514/447: 514/452;
514/464; 514/465; 514/480; 514/481; 544/164; 544/58.2; 548/184; 548/517; 548/525;
548/526; 548/557; 548/558; 549/14; 549/21; 549/22; 549/30; 549/362; 549/366; 549/378;
549/38; 549/39; 549/438; 549/439; 549/449; 549/470; 549/51; 549/60; 549/68; 558/387;
560/132; 560/133; 560/134; 560/135; 560/136; 560/137; 560/148; 562/845; 564/265
                            USPAT
                                          19791002
                                                               Pesticidal
US 4169894 A
unsymmetrical N-substituted bis-carbamoyloxy disulfide compounds
       514/436
                     514/227.5; 514/227.8; 514/228.2; 514/230.8; 514/369; 514/435;
514/443; 514/452; 514/470; 514/477; 514/486; 514/490; 544/164; 544/58.2; 548/184;
549/14; 549/21; 549/22; 549/30; 549/38; 549/39; 549/435; 549/438; 549/448; 549/452;
549/466; 549/470; 549/51; 549/60; 549/68; 558/387; 560/132; 560/133; 560/134;
560/135; 560/136; 560/137; 560/148; 564/255
                                          19790807
                                                               Process for the
US 4163861 A
                            USPAT
                                                        560/134; 560/163
preparation of aromatic urethanes
                                          560/132
                                                               O-alkoxy- and
                            USPAT
                                          19790731
US 4163112 A
                                                 514/949; 560/115; 560/135; 560/137;
                                   560/132
alkylthiophenyl carbamates
560/22; 560/29; 560/31; 560/9
                                                               Manufacture of
                            USPAT
                                          19790529
US 4156784 A
                                   560/132; 560/162; 560/163; 560/164; 560/165;
                     560/157
carbamates
560/166
                                                               Pharmacologically
                                          19790515
                                                        10
US 4154761 A
                            USPAT
                                          549/439; 560/132; 560/19; 564/220;
active compounds
                            564/363
564/344; 564/356; 564/369
                                                        3
                                                               Process for the
                            USPAT
                                          19790417
US 4150034 A
preparation of substituted-phenyl-N-alkyl-carbamates
                                                               549/30 549/39;
549/452: 560/132: 560/135
                                                               Manufacture of .beta.-
                            USPAT
US 4143064 A
                                          19790306
                                   558/53 558/271; 558/56; 558/58; 558/61; 560/132;
halocetals or .beta.-haloketals
560/133; 560/137; 560/138; 560/140; 560/144; 560/145; 568/592; 987/149; 987/173;
987/212; 987/228
                                                               Pyrocatechol ethers
                                          19790220
US 4140725 A
                            USPAT
                     549/416; 549/417; 549/475; 549/476; 560/132; 560/133; 560/254
       568/593
                                                               Process for preparing
US 4123450 A
                            USPAT
                                          19781031
                            560/345
                                          558/282; 560/132
alkyl isocyanates
                                          19780815
                                                               Polyurethane
                            USPAT
                                                        10
US 4107229 A
                                                               525/504; 525/507;
acrylates of hydroxyalkylated novolac resin
                                                 525/502
526/301; 560/115; 560/133; 560/26
                                          19780425
                                                               Process for the
                            USPAT
US 4086246 A
                                                        548/308.7; 549/470; 560/115;
preparation of carbamate derivatives
                                          549/452
560/132; 560/29; 560/31; 560/32
                                                               Acylation process for
                            USPAT
                                          19780404
US 4082779 A
the preparation of steroid phenolic n-disubstituted carbamate esters, and ion pair solution
                                          552/617; 560/115; 560/132; 560/133;
for use in the process
                            552/626
560/134; 560/136; 560/137; 560/20; 560/21; 560/22; 560/23; 560/25; 560/26; 560/27;
560/29; 560/31; 560/32
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Acylation process for US 4081461 A USPAT 19780328 the preparation of phenolic N-disubstituted carbamate esters, and ion pair solution for use 252/364; 544/172; 544/389; 546/227; 546/228; 552/626 in the process 546/279.1; 546/292; 552/617; 560/115; 560/132; 560/133; 560/134; 560/136; 560/137; 560/21; 560/22; 560/27; 560/29; 560/31; 560/32 19771206 Urethanes of US 4061652 A USPAT 548/261 523/455; 523/508; 524/577; 524/590; hydroxybenzotriazoles 524/611; 524/612; 524/853; 524/91; 560/132; 560/24

**USPAT** 20030114 12 Process for the US 6506898 B1 preparation of 1,3,5-triazine carbamates from amino-1,3,5-triazines and organic 525/176; 525/182; 525/375; 544/197; 544/200; carbonates 544/196 544/204; 544/205; 544/206; 544/208 20010911 12 1,3,5-Triazine **USPAT** US 6288226 B1 carbamates from amino-1,3,5-triazines and organic carbonates and curable compositions 252/88.2; 525/176; 525/182; 525/259; 525/375; 544/197; thereof 544/196 544/204; 544/205; 544/206; 544/208 US 6228979 B1 **USPAT** 20010508 Cyclic carbonates and 544/383; 546/245; 560/132; 560/157 their reactions with amines 528/370 Carbamate functional **USPAT** 20000516 US 6063922 A 544/196 544/204 1,3,5-triazines 19980811 Process for the **USPAT** US 5792866 A preparation of 1,3,5-triazine carbamates from amino 1,3,5-triazines and organic 544/197; 544/200; 544/204; 544/208 544/196 carbonates Process for the 19980106 US 5705641 A **USPAT** preparation of 1,3,5-triazine carbamates from amino-1,3,5-triazines and organic 544/204 carbonates 544/196 Process for the 19930511 US 5210273 A USPAT 560/24 560/125; 560/127; 560/132; preparation of mono- and oligourethanes 560/157; 560/158; 560/162; 560/163 Process for the 19920714 US 5130457 A USPAT 560/24 560/115; preparation of N,N-disubstituted mono- and oligourethanes 560/132; 560/157; 560/158; 560/162; 560/163; 560/164; 560/25; 560/26 Carbamates, their 19920630 US 5126477 A **USPAT** 44/329; 44/387; 560/157 560/132 production and use as fuels additives 19920407 Carbamates, their **USPAT** US 5103041 A 44/329; 44/387; 560/157 production and use as fuels additives 560/132 Preparation of 19910416 5 US 5008435 A USPAT 560/24 560/115; 560/132; 560/134; 560/157; 560/158; 560/163; urethanes 560/164; 560/166; 560/25; 560/26; 560/28; 560/32 19901002 .alpha.-chlorinated US 4960881 A **USPAT** carbonates, their method of manufacture and application in the protection of the amine 546/14; 546/226; 548/406; 548/528; functions of amino acids 540/326

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548/533: 556/420: 558/392: 558/441: 560/13: 560/132: 560/136: 560/148: 560/157;
560/16; 560/17; 560/24; 560/29; 560/30; 560/31; 560/32
                                                               Method for producing
                                          19900515
US 4925971 A
                            USPAT
aliphatic o-arylurethanes
                                   560/137
                                                 546/153; 546/292; 546/335; 549/285;
560/115; 560/132; 560/133; 560/134; 560/135; 560/136; 560/25; 560/28; 560/32
                                                               Crosslinking of hair
US 4793993 A
                            USPAT
                                          19881227
                                                        6
                            424/47; 514/544; 514/569; 560/124; 560/132; 560/157;
thiols
              424/70.2
560/164
US 4776875 A
                            USPAT
                                          19881011
                                                        8
                                                               Functional acetic acid
derivatives containing phosphorus and herbicidal, growth-regulating agents containing
them
              504/195
                            504/196; 504/198; 504/202; 504/204; 504/206; 504/207;
504/208; 540/542; 544/149; 544/157; 546/22; 548/413; 549/218; 558/231; 558/386;
558/45; 560/103; 560/105; 560/115; 560/12; 560/129; 560/130; 560/132; 560/137;
560/144; 560/145; 560/148; 560/155; 560/157; 560/160; 560/162; 560/163; 560/165;
560/168; 560/172; 560/179; 560/185; 560/187; 560/188; 560/189; 560/222; 560/231;
560/24: 560/29: 560/32: 560/33: 560/35: 560/60: 560/61: 564/13: 987/125: 987/186:
987/366
                                          19880216
                                                               Process for the
US 4725680 A
                            USPAT
                                                        12
                                                        540/608
                                                                      544/172:
preparation of carbamates, thiocarbamates and ureas
546/210; 546/226; 546/245; 548/311.4; 548/313.7; 548/315.4; 548/334.1; 548/531;
548/533: 549/462: 549/470: 549/496: 558/232: 560/132: 560/157: 560/160: 560/163:
560/165; 560/24; 560/32; 564/255; 564/483; 564/61; 564/63
                                          19870915
                                                               Carbamate ester
US 4694097 A
                            USPAT
                     560/24 560/115; 560/157; 560/163; 560/22; 560/25; 560/29;
production
560/30; 560/31; 560/32
                            USPAT
                                          19860610
                                                               Phosphorus-
US 4594098 A
containing functional derivatives of acetic acid, process for their preparation and
herbicidal and growth-regulating agents containing them
                                                               504/207
       504/198; 504/202; 504/206; 504/208; 558/385; 560/12; 560/132; 560/137;
560/144; 560/145; 560/148; 560/150; 560/151; 560/157; 560/160; 560/162; 560/163;
560/165; 560/179; 560/187; 560/188; 560/189; 560/24; 560/29; 560/32; 560/33; 560/60;
562/15; 562/16; 562/24; 562/470; 562/579; 562/588; 564/150; 564/151; 987/125;
987/186
                                          19850730
                                                        11
                                                               Membrane solvent
US 4532347 A
                            USPAT
                                          210/638; 549/525; 554/151; 554/157;
                            562/528
extraction process
560/132; 560/157; 560/204; 560/231; 560/24; 560/246; 560/265; 562/527; 562/529;
562/530; 562/543
                                          19850611
                                                        7
                                                               N-Alkoxycarbonyl-
US 4522763 A
                            USPAT
and N-alkoxythiocarbonyl-amidines and their preparation
                                                               560/179
       504/222: 544/7: 558/234: 560/115: 560/129: 560/132: 560/157
                                                               Polymerizable UV
                                          19850312
US 4504628 A
                            USPAT
light stabilizers from isocyanatoalkyl esters of unsaturated carboxylic acids
                     524/103; 524/199; 524/91; 524/99; 525/374; 525/375; 525/384;
       525/278
525/386; 526/301; 548/259; 560/132; 560/157; 560/158; 560/163; 560/24; 560/25;
560/27; 560/32; 560/33
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US 4476316 A
                            USPAT
                                          19841009
                                                       5
                                                               Preparation of N-
                                   560/24 560/132; 560/157; 560/162; 560/163;
substituted carbamates
560/27; 560/32
US 4370497 A
                            USPAT
                                          19830125
                                                        10
                                                               Oxidation process
                                         564/55 558/230; 558/243; 558/245; 558/248;
using tellurium oxide catalysts
558/250; 558/257; 558/275; 558/277; 560/1; 560/115; 560/121; 560/123; 560/124;
560/125; 560/126; 560/131; 560/132; 560/136; 560/137; 560/142; 560/145; 560/157;
560/24; 560/29; 560/30; 560/31; 560/32; 560/33; 560/43; 560/55; 560/58; 560/61
                            USPAT
                                          19820713
                                                        7
                                                               Process for the
US 4339592 A
                                   560/25 544/37; 558/353; 560/115; 560/12; 560/13;
production of urethanes
560/132; 560/133; 560/134; 560/135; 560/136; 560/157; 560/158; 560/24; 560/27;
560/28; 560/30; 560/31; 560/32; 560/33; 560/9
                                                               N-Substituted
                                          19820126
US 4312662 A
                            USPAT
carboxy-N-phosphonomethylglycines and the salts thereof as herbicides
                     560/132; 560/157; 560/167; 987/168
       504/205
                                                               Process for the
US 4304922 A
                                          19811208
                            USPAT
                                   560/24 560/115; 560/132; 560/133; 560/134;
preparation of urethane
560/157; 560/158; 560/159; 560/161; 560/162; 560/163; 560/164; 560/25; 560/26;
560/28; 560/30; 560/31; 560/32; 560/33
                            USPAT
                                          19811117
                                                        4
                                                               Manufacture of
US 4301087 A
                                   558/6 558/260; 558/274; 558/277; 560/132;
carbamates from cyanogen
560/133; 560/134; 560/157; 560/162; 560/166
                                          19810505
                                                        15
                                                               Catalytic process for
US 4266070 A
                            USPAT
                                   560/24 502/174; 560/115; 560/132; 560/133;
the manufacture of urethanes
560/135; 560/136; 560/137; 560/148; 560/157; 560/158; 560/159; 560/160; 560/161;
560/162; 560/163; 560/164; 560/165; 560/25; 560/26; 560/27; 560/29; 560/30; 560/31;
560/32; 560/33; 560/9
                                                        5
                                                               Process for the
                                          19810414
US 4262130 A
                            USPAT
                                   560/24 502/164; 502/167; 502/230; 549/69;
production of urethanes
560/115; 560/13; 560/132; 560/157; 560/158; 560/25; 560/27; 560/28; 560/30; 560/31;
560/32; 560/33; 560/9
                                                        9
                                                               Process for the
                            USPAT
                                          19810407
US 4260781 A
                                   560/24 558/353; 560/115; 560/132; 560/133;
manufacture of carbamates
560/135; 560/136; 560/137; 560/148; 560/157; 560/158; 560/159; 560/160; 560/161;
560/162; 560/163; 560/164; 560/165; 560/25; 560/26; 560/27; 560/29; 560/30; 560/31;
560/32; 560/33; 560/9
US 4258201 A
                            USPAT
                                          19810324
                                                        12
                                                               Process for the
                                   560/24 558/417; 558/431; 558/445; 560/115;
manufacture of carbamates
560/132; 560/133; 560/134; 560/135; 560/136; 560/137; 560/157; 560/158; 560/159;
560/160; 560/161; 560/162; 560/163; 560/164; 560/165; 560/166; 560/167; 560/25;
560/26; 560/27; 560/28; 560/29; 560/30; 560/31; 560/32; 560/33
                            USPAT
                                          19810324
                                                               Production of
US 4258200 A
carboxylic acid amides and carbamates using cobalt catalysts
                                                                      560/24
       554/69; 560/132; 560/153; 560/163; 560/32; 564/135; 564/137
                            USPAT
                                          19801230
                                                        14
                                                               Promoted method for
US 4242520 A
                            560/24 558/353; 560/115; 560/132; 560/135; 560/136;
producing carbamates
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560/137; 560/148; 560/157; 560/158; 560/159; 560/161; 560/162; 560/165; 560/25;

560/26; 560/27; 560/28; 560/32; 560/33; 560/9 US 4239904 A

**USPAT** 19801216 5 Process for the

preparation of urethanes

560/157

560/115; 560/132; 560/134; 560/152;

560/156; 560/160; 560/161; 560/162; 560/163; 560/165; 560/167

US 4163861 A

**USPAT** 

19790807

Process for the

preparation of aromatic urethanes

560/132

560/134; 560/163

US 4156784 A

**USPAT** 

19790529

Manufacture of

carbamates

560/157

560/132; 560/162; 560/163; 560/164; 560/165;

560/166

### CAS ONLINE PRINTOUT

=> d bib abs hitstr 1-4 L5 ANSWER 1 OF 4 USPATFULL on STN AN 2006:99606 USPATFULL ΤI Enzymatic production of (meth)acrylic esters that contain urethane groups IN Dietsche, Frank, Schriesheim, GERMANY, FEDERAL REPUBLIC OF Haring, Dietmar, Schriesheim, GERMANY, FEDERAL REPUBLIC OF Wagner, Eva, Speyer, GERMANY, FEDERAL REPUBLIC OF Schwalm, Reinhold, Wachenheim, GERMANY, FEDERAL REPUBLIC OF Rink, Heinz-Peter, Munster, GERMANY, FEDERAL REPUBLIC OF Beck, Erich, Ladenburg, GERMANY, FEDERAL REPUBLIC OF PA BASF Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF, 67056 (non-U.S. corporation) PΙ US 2006084779 A1 20060420 AΙ US 2003-536968 A1 20031204 (10) WO 2003-EP13689 20031204 20050531 PCT 371 date PRAI DE 2002-102570949 20021205 DTUtility FS APPLICATION LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314, US CLMN Number of Claims: 15 ECL Exemplary Claim: 1 DRWN No Drawings LN.CNT 1236 CAS INDEXING IS AVAILABLE FOR THIS PATENT. Enzymatic preparation of (meth) acrylic esters containing urethane AB groups, and their use in radiation-curable compositions. CAS INDEXING IS AVAILABLE FOR THIS PATENT. IT 51293-89-1P (enzymic production of (meth)acrylic esters that contain urethane groups) RN 51293-89-1 USPATFULL CN 2-Propenoic acid, 2-methyl-, 2-[[(butylamino)carbonyl]oxy]ethyl ester (9CI) (CA INDEX NAME) n-BuNH-C-O-CH2-CH2-O-C L5 ANSWER 2 OF 4 USPATFULL on STN AN 90:71657 USPATFULL TI Radiation-polymerizable mixture TN Geissler, Ulrich, Hochheim/Main, Germany, Federal Republic of Steppan, Hartmut, Wiesbaden, Germany, Federal Republic of Herwig, Walter, Bad Soden Am Iaunus, Germany, Federal Republic of PA Hoechst Aktiengesellschaft, Frankfurt am Main, Germany, Federal Republic of (non-U.S. corporation) PΙ US 4956264 19900911 ΑI US 1986-820782 19860122 (6) PRAI DE 1985-3540480 19851115 DT Utility FS Granted EXNAM Primary Examiner: Brammer, Jack P. LREP Foley & Lardner, Schwartz, Jeffery, Schwaab, Mack, Blumenthal & Evans

#### CAS ONLINE PRINTOUT

CLMN Number of Claims: 18 ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 831

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A radiation-polymerizable mixture, recording material and process for using the recording material in relief recordings. The radiation-polymerizable mixture contains:

- (a) a polymeric binder,
- (b) a compound of the formula: ##STR1## `in which A is O, NH or N-alkyl,

Q is --CO--C.sub.p H.sub.2p -Z-- or --C.sub.k H.sub.2k O--,

Z is O or NH,

R.sup.1 is H or alkyl,

R.sup.2 is alkyl, alkenyl, cycloalkyl, aryl, aralkyl or SO.sub.2 R.sup.3,

R.sup.3 is alkyl, alkenyl, cycloalkyl, aryl, aralkyl or aryloxy,

k is a number from 3 to 20,

l is a number from 0 to 20,

m is a number from 2 to 20,

n is a number from 1 to 20 and

p is a number from 2 to 10, and

(c) a compound or a combination of compounds, which is capable of initiating the polymerization of the compound (b) under the action of actinic radiation.

The mixture is especially suitable for the preparation of dry photoresist materials and is distinguished by good flexibility and adhesion to copper and by easy strippability in the light-cured state.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 51293-89-1

(photoresists containing, dry-film)

RN 51293-89-1 USPATFULL

CN 2-Propenoic acid, 2-methyl-, 2-[[(butylamino)carbonyl]oxy]ethyl ester (9CI) (CA INDEX NAME)

- L5 ANSWER 3 OF 4 USPATFULL on STN
- AN 77:24310 USPATFULL
- TI Protective coatings for a magnetic tape sensor
- IN Feit, Eugene David, Berkeley Heights, NJ, United States Thompson, Larry Flack, Gillette, NJ, United States

PA Bell Telephone Laboratories, Incorporated, Murray Hill, NJ, United States (U.S. corporation)

PI US 4023208 19770510 AI US 1976-703512 19760708 (5)

RLI Continuation of Ser. No. US 1975-575618, filed on 8 May 1975, now

DT Utility FS Granted

EXNAM Primary Examiner: Tupper, Robert S.

LREP Wilde, Peter V. D. CLMN Number of Claims: 7 ECL Exemplary Claim: 1

DRWN 6 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 340

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Several materials have been proposed as protective coatings for magnetic sensing heads in magnetic tape readers. Some of these, known for hardness, are not very wear resistant. Others that seem to wear well tend to spall. The invention is a polymer coating that wears exceptionally well, can be formed conveniently to encapsulate the magnetic sensing elements, can be photocured and therefore photopatterned, and is inexpensive. The polymer is composed of a mixture of urethane-modified acrylates and methacrylates.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 51293-89-1P

(manufacture and polymerization of, with acryloyloxyethyl butanecarbamate as coating on magnetic detector substrates)

RN 51293-89-1 USPATFULL

L5 ANSWER 4 OF 4 USPATFULL on STN

AN 75:8880 USPATFULL

TI Photographic silver halide material IN Priem, Jan Jozef, Mortsel, Belgium

De Winter, Walter Frans, Berchem, Belgium Lambrechts, Jan Bernard, Antwerpen, Belgium

PA Agfa-Gevaert N.V., Mortsel, Belgium (non-U.S. corporation)

PI US 3867152 19750218 AI US 1973-364327 19730529 (5)

PRAI GB 1972-29386 19720622

DT Utility

FS Granted

EXNAM Primary Examiner: Smith, Ronald H.

LREP Breiner, A. W.

CLMN Number of Claims: 13 ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 459

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polymeric compounds having recurring units of the formula: ##SPC1##

Wherein: X is hydrogen or methyl, A is C.sub.1 -C.sub.5 alkylene and R

### CAS ONLINE PRINTOUT

is alkyl or aryl,

Are described for use in photographic silver halide material. The compounds reduce the formation of sludge and pressure marks upon processing, especially processing at elevated temperature, of the exposed elements.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 51293-89-1P

=>

(preparation of)

RN 51293-89-1 USPATFULL

CN 2-Propenoic acid, 2-methyl-, 2-[[(butylamino)carbonyl]oxy]ethyl ester (9CI) (CA INDEX NAME)